A gaming device having a first chance means and a second, serially dependent, chance means is provided. The first chance means is preferably a multiple reel game having a special outcome for triggering the second chance means. The second chance means is preferably a plurality of wheels rotatably coupled to a tower atop the reel game. The first of the wheels will spin and provide an outcome upon a specified outcome of the reel game. Each successive wheel will spin when a specified outcome is depicted on a previous wheel. This will continue until either the specified outcome does not occur or the last wheel is spun. In another version, plural wheels are each uniquely related - one to a given reel, such that a certain reel outcome will energize its associated wheel only. Multiple wheels, when synchronized to a certain outcome, lead to a bigger wheel for a jackpot.